

[Sequence Listing]

<110> IMAGENE CO., LTD.
 <120> Immunological enhancement agent comprising N-terminal peptide of
 p43 as an effective component
 <130> NPF1918
 <160> 11
 <170> KopatentIn 1.71
 <210> 1
 <211> 147
 <212> PRT
 <213> mammalian

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 Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu
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 Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu
 35 40 45
 Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln
 50 55 60
 Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe
 65 70 75 80
 Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val
 85 90 95
 Ile Gln Ser Thr Ala Val Thr Thr Val Ser Ser Gly Thr Lys Glu Gln
 100 105 110
 Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys Ala Lys Glu Lys Ile Glu
 115 120 125
 Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser
 130 135 140
 Ala Asp Ser
 145

<210> 2
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 <212> PRT
 <213> mammalian
 <400> 2

Met Ala Asn Asn Asp Ala Val Leu Lys Arg Leu Glu Gln Lys Gly Ala
 1 5 10 15
 Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Val Ser Leu Leu
 20 25 30
 Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu
 35 40 45
 Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln
 50 55 60
 Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe
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 Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val
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 20 25 30
 Ala Lys Glu Lys Ile Glu Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln
 35 40 45
 Gln Ser Ile Ala Gly Ser Ala Asp Ser Lys Pro Ile Asp Val Ser Arg
 50 55 60
 Leu Asp Leu Arg Ile Gly Cys Ile Ile Thr Ala Arg Lys His Pro Asp
 65 70 75 80
 Ala Asp Ser Leu Tyr Val Glu Glu Val Asp Val Gly Glu Ile Ala Pro
 85 90 95
 Arg Thr Val Val Ser Gly Leu Val Asn His Val Pro Leu Glu Gln Met
 100 105 110
 Gln Asn Arg Met Val Ile Leu Leu Cys Asn Leu Lys Pro Ala Lys Met
 115 120 125
 Arg Gly Val Leu Ser Gln Ala Met Val Met Cys Ala Ser Ser Pro Glu
 130 135 140
 Lys Ile Glu Ile Leu Ala Pro Pro Asn Gly Ser Val Pro Gly Asp Arg
 145 150 155 160

<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

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18

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<212> DNA
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<220>
<223> PCR primer

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18

<210> 10
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR primer

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27

<210> 11
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<212> DNA
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<220>
<223> PCR primer

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27

Ile Thr Phe Asp Ala Phe
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<212> DNA
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27

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<212> DNA
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